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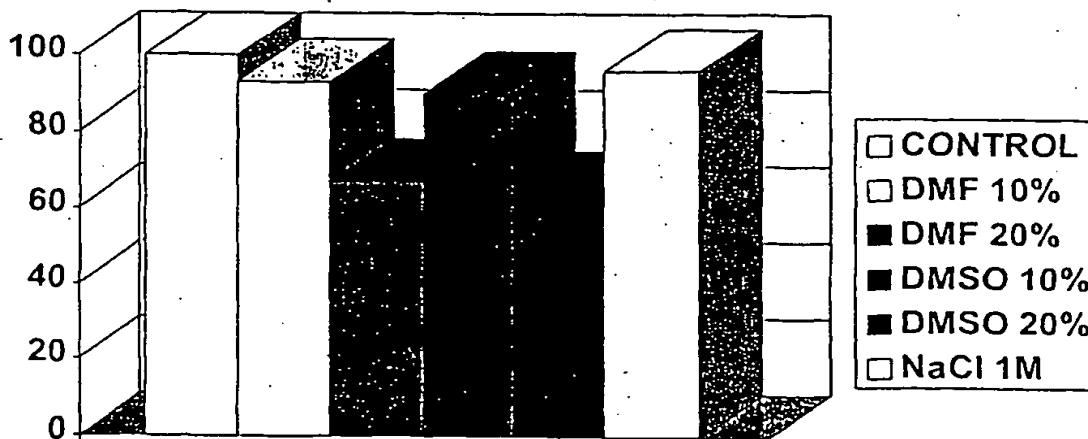
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(21) International Application Number: PCT/US00/07107  (22) International Filing Date: 16 March 2000 (16.03.00)  (30) Priority Data: 09/270,957                      17 March 1999 (17.03.99)                      US  (71) Applicant (for all designated States except US): CAMBIA BIOSYSTEMS LLC [US/US]; Suite 110, 915 - 118th Avenue, SE, Bellevue, WA 98005 (US).  (72) Inventors; and (75) Inventors/Applicants (for US only): JEFFERSON, Richard, A. [US/AU]; 135 Wickerslack Lane, Googong, NSW 2620 (AU). MAYER, Jorge, E. [AT/AU]; 15 Dugan Street, Deakin, ACT 2600 (AU).  (74) Agents: CHRISTIANSEN, William, T. et al.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: MICROBIAL  $\beta$ -GLUCURONIDASE GENES, GENE PRODUCTS AND USES THEREOF

## GUS<sup>Stp</sup> activity in salt and in different organic solvents



(57) Abstract

Genes encoding microbial  $\beta$ -glucuronidases and proteins and their uses are provided.